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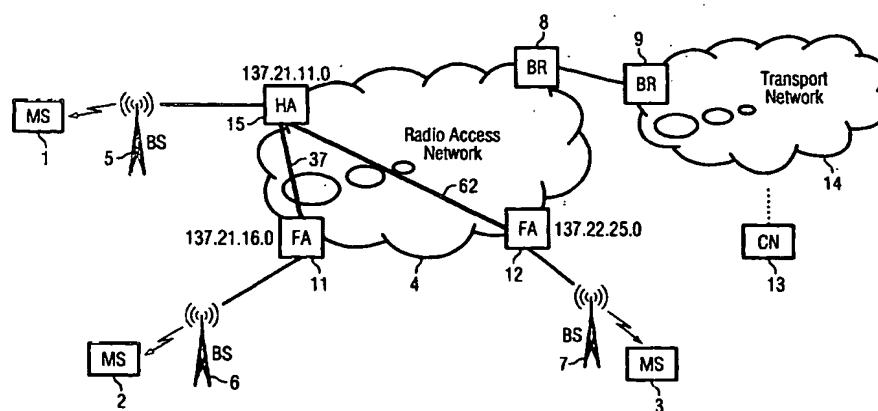
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(54) Title: HOME AGENT OPTIMIZATION FOR HANDLING MOBILE IP AND STATIC MPLS (MULTIPROTOCOL LABEL SWITCHING)



(57) Abstract: For optimized IP- routing the invention discloses a home agent and method for transfer of an IP packet over a path from a sender (CN) over a radio access network (RAN, HA, FA 11) to a mobile host (MS2), wherein, when a home agent (HA) receives an incoming data packet determined for a mobile host (MS2) with a destination address (MS2-address: 137.21.16.5), the home agent (HA) examines if there is a match between the destination address (MS2-address: 137.21.16.5) of the packet and a subnetwork address (FA 11-address: 137.21.16.0) of a foreign agent (FA 11) stored in a list of subnetwork addresses (137.21.16.0; 137.22.25.0) stored in a list at the home agent (HA), wherein, if there is a match between the destination address (MS2-address: 137.21.16.5) and a subnetwork address (FA 11-address: 137.21.16.0) of a foreign agent, the home agent examines whether a preconfigured path from the home agent (HA) to this foreign agent exists and wherein the home agent (HA) sends the packet to this foreign agent (FA 11) on this preconfigured label switched path (37) if a label switched path (37) to this foreign agent exists.